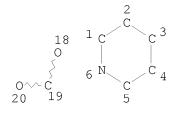
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NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES: RSPEC 6 NUMBER OF NODES IS 2

STEREO ATTRIBUTES: NONE

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(FILE 'REGISTRY' ENTERED AT 17:33:37 ON 09 OCT 2008)
L6 190 S L4 FUL

=> d his 18

(FILE 'REGISTRY' ENTERED AT 17:36:57 ON 09 OCT 2008)
L8 79 S L6 AND BENZODIOXEPIN?

=> fil caplus

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FULL ESTIMATED COST
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394.07

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE
ENTRY
SESSION

CA SUBSCRIBER PRICE

0.00
-5.60

FILE 'CAPLUS' ENTERED AT 17:43:06 ON 09 OCT 2008
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FILE COVERS 1907 - 9 Oct 2008 VOL 149 ISS 15 FILE LAST UPDATED: 8 Oct 2008 (20081008/ED)

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Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

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(FILE 'CAPLUS' ENTERED AT 17:40:07 ON 09 OCT 2008)
L9 7 S L8

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- L9 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN
- AN 2005:34761 CAPLUS
- DN 142:113915
- TI Preparation of heterocyclic substituted 4-(aminomethyl)piperidine benzamides as 5-HT4 antagonists
- IN Bosmans, Jean-Paul Rene Marie Andre; Gijsen, Henricus Jacobus Maria; Mevellec, Laurence Anne
- PA Janssen Pharmaceutica N. V., Belg.
- SO PCT Int. Appl., 46 pp. CODEN: PIXXD2
- DT Patent
- LA English

FAN.CNT 1

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OS	MARPAT 142:113915			

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD

## ALL CITATIONS AVAILABLE IN THE RE FORMAT

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     ANSWER 2 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN
     2005:34760 CAPLUS
ΑN
     142:134469
DN
     A preparation of 5HT4-antagonistic N-(piperidin-4-ylmethyl)-benzamide
ΤI
IN
     Bosmans, Jean-Paul Rene Marie Andre; Gijsen, Henricus Jacobus Maria;
     Mevellec, Laurence Anne
     Janssen Pharmaceutica N. V., Belg.
PA
SO
     PCT Int. Appl., 63 pp.
     CODEN: PIXXD2
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L9
     2005:34759 CAPLUS
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     142:113914
     Preparation of hydroxycarbonylphenyl substituted 4-(aminomethyl)-
ΤI
     piperidine benzamides as 5HT4-antagonists
IN
     Bosmans, Jean-Paul Rene Marie Andre; Gijsen, Henricus Jacobus Maria;
     Mevellec, Laurence Anne
     Janssen Pharmaceutica N. V., Belg.
PΑ
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L9
    2005:14394 CAPLUS
ΑN
    142:114101
DN
ΤI
    Preparation of N-(piperidinylmethyl) benzamide derivatives as
    5HT4-antagonists
ΙN
    Bosmans, Jean-Paul Rene Marie Andre; Gijsen, Henricus Jacobus Maria;
    Mevellec, Laurence Anne
    Janssen Pharmaceutica N.V., Belg.
PA
SO
    PCT Int. Appl., 98 pp.
    CODEN: PIXXD2
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              THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
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     ANSWER 5 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN
L9
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     142:113910
ΤI
    Preparation of aminosulfonyl substituted 4-(aminomethyl)-piperidine
     benzamides as 5HT4-antagonists
     Bosmans, Jean-Paul Rene Marie Andre; Gijsen, Henricus Jacobus Maria;
IN
     Mevellec, Laurence Anne
     Janssen Pharmaceutica N.V., Belg.
PA
     PCT Int. Appl., 53 pp.
SO
     CODEN: PIXXD2
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             NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
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         RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
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RE.CNT 4
            THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
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     ANSWER 6 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN
L9
     2004:182699 CAPLUS
ΑN
     140:210827
     Use of \alpha-adrenoceptor antagonists and 5-HT4 antagonists for the
     treatment of lower urinary tract symptoms associated with overactive
     bladder or benign prostatic hyperplasia
ΙN
     Jones, Charles Richard; Leaker, Brian; Wyllie, Michael Grant
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PA

SO

Janssen Pharmaceutica N.V., Belg.

PCT Int. Appl., 17 pp.

CODEN: PIXXD2 DT Patent LA English FAN.CNT 1 KIND DATE APPLICATION NO. DATE PATENT NO. 7.1 DAIE \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ A1 20040304 WO 2003-EP8696 WO 2004017960 PΙ 20030805 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG 20040304 CA 2003-2494210 20030805 CA 2494210 Α1 AU 2003260373 AU 2003-260373 20030805 Α1 20040311 AU 2003260373 В2 20080221 EP 1551394 Α1 20050713 EP 2003-792261 20030805 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK JP 2004-530090 20030805 JP 2005538139 Τ 20051215 US 20050261344 Α1 20051124 US 2005-523279 20050203 PRAI EP 2002-255676 20020814 Α WO 2003-EP8696 20030805 W RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT ANSWER 7 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN L9 2000:441788 CAPLUS ΑN 133:74035 DN ΤI Preparation of 4-(aminomethyl)piperidinebenzamides as gastrointestinal IN Bosmans, Jean-Paul Rene Marie Andre; Meulemans, Ann Louise Gabrielle; De Cleyn, Michel Anna Jozef; Gijsen, Henricus Jacobus Maria Janssen Pharmaceutica N.V., Belg. PASO PCT Int. Appl., 58 pp. CODEN: PIXXD2 DT Patent English LA FAN.CNT 1 PATENT NO. KIND DATE APPLICATION NO. DATE \_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ WO 2000037461 A1 WO 1999-EP10064 19991214 20000629 PΤ W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG TW 570920 20040111 TW 1999-88121125 19991203 В CA 2355857 CA 1999-2355857 Α1 20000629 19991214 BR 9916491 Α 20010904 BR 1999-16491 19991214 EP 1140915 Α1 20011010 EP 1999-967956 19991214 20050615 EP 1140915 В1 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO

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THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD

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- L9 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN
- 278804-77-6P 278804-80-1P 278804-81-2P ΙT
  - 278804-82-3P 278804-84-5P 278804-85-6P
  - 278804-86-7P 278804-89-0P 278804-91-4P
  - 278804-93-6P 278804-94-7P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of 4-(aminomethyl)piperidinebenzamides as gastrointestinal agents)

- 278804-77-6 CAPLUS RN
- 1-Piperidinebutanoic acid, 4-[[[(8-chloro-3,4-dihydro-2H-1,5-benzodioxepin-CN 6-yl)carbonyl]amino]methyl]-3-hydroxy-, hydrochloride (1:1), (3R,4R)-rel-(CA INDEX NAME)

● HCl

RN 278804-80-1 CAPLUS

CN 1-Piperidinepropanoic acid, 4-[[[(8-chloro-3,4-dihydro-2H-1,5-benzodioxepin-6-yl)carbonyl]amino]methyl]-3-hydroxy-, methyl ester, (3R,4R)-rel- (CA INDEX NAME)

Relative stereochemistry.

RN 278804-81-2 CAPLUS

CN 1-Piperidinepropanoic acid, 4-[[[(8-chloro-3,4-dihydro-2H-1,5-benzodioxepin-6-yl)carbonyl]amino]methyl]-3-hydroxy-, hydrochloride (1:1), (3R,4R)-rel- (CA INDEX NAME)

● HCl

RN 278804-82-3 CAPLUS

CN 1-Piperidinepentanoic acid, 4-[[[(8-chloro-3,4-dihydro-2H-1,5-benzodioxepin-6-yl)carbonyl]amino]methyl]-3-hydroxy-, methyl ester, (3R,4R)-rel- (CA INDEX NAME)

Relative stereochemistry.

RN 278804-84-5 CAPLUS

CN 1-Piperidinebutanoic acid, 4-[[[(8-chloro-3,4-dihydro-2H-1,5-benzodioxepin-6-yl)carbonyl]amino]methyl]-3-hydroxy-, methyl ester, (3S,4S)-, (2E)-2-butenedioate (1:1) (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 278804-83-4 CMF C21 H29 C1 N2 O6

Absolute stereochemistry.

CM 2

CRN 110-17-8 CMF C4 H4 O4

Double bond geometry as shown.

RN 278804-85-6 CAPLUS

CN 1-Piperidinebutanoic acid, 4-[[[(8-chloro-3,4-dihydro-2H-1,5-benzodioxepin-6-yl)carbonyl]amino]methyl]-3-hydroxy-, hydrochloride (1:1), (3S,4S)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).

● HCl

RN 278804-86-7 CAPLUS

CN Carbamic acid, [3-[(3R,4R)-4-[[[(8-chloro-3,4-dihydro-2H-1,5-benzodioxepin-6-yl)carbonyl]amino]methyl]-3-hydroxy-1-piperidinyl]propyl]-, ethyl ester, rel- (9CI) (CA INDEX NAME)

RN 278804-89-0 CAPLUS

CN 1-Piperidinepentanoic acid, 4-[[[(8-chloro-3,4-dihydro-2H-1,5-benzodioxepin-6-yl)carbonyl]amino]methyl]-3-hydroxy-, hydrochloride (1:1), (3R,4R)-rel- (CA INDEX NAME)

Relative stereochemistry.

● HCl

RN 278804-91-4 CAPLUS

CN Carbamic acid, [4-[(3R,4R)-4-[[[(8-chloro-3,4-dihydro-2H-1,5-benzodioxepin-6-yl)carbonyl]amino]methyl]-3-hydroxy-1-piperidinyl]butyl]-, ethyl ester, rel-, ethanedioate (1:1) (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 278804-90-3 CMF C23 H34 C1 N3 O6

CM 2

CRN 144-62-7 CMF C2 H2 O4

RN 278804-93-6 CAPLUS

CN 1-Piperidinebutanoic acid, 4-[[[(8-chloro-3,4-dihydro-2H-1,5-benzodioxepin-6-yl)carbonyl]amino]methyl]-3-hydroxy-, methyl ester, (3R,4R)-, (2E)-2-butenedioate (1:1) (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 278804-92-5 CMF C21 H29 C1 N2 O6

Absolute stereochemistry.

CM 2

CRN 110-17-8 CMF C4 H4 O4

Double bond geometry as shown.

RN 278804-94-7 CAPLUS

CN 1-Piperidinebutanoic acid, 4-[[[(8-chloro-3,4-dihydro-2H-1,5-benzodioxepin-6-yl)carbonyl]amino]methyl]-3-hydroxy-, hydrochloride (1:1), (3R,4R)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

## ● HCl

IT 278805-39-3P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of 4-(aminomethyl)piperidinebenzamides as gastrointestinal agents)

RN 278805-39-3 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[[[(8-chloro-3,4-dihydro-2H-1,5-benzodioxepin-6-yl)carbonyl]amino]methyl]-3-hydroxy-, 1,1-dimethylethyl ester, (3S,4S)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).